

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-243836

(43)Date of publication of application : 21.09.1993

(51)Int.Cl.

H01Q 13/10

H01P 3/08

H01Q 13/08

H01Q 13/16

(21)Application number : 04-040993

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 27.02.1992

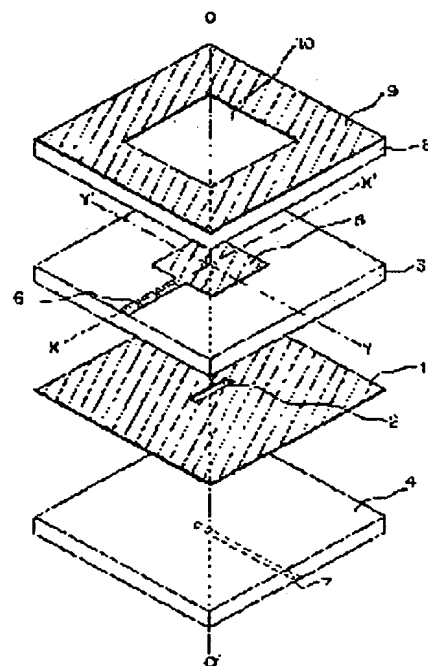
(72)Inventor : NAKAHARA SHINTARO
MATSUNAGA MAKOTO

(54) MICROSTRIP ANTENNA

(57)Abstract:

PURPOSE: To suppress spurious radiation from a discontinuous part of a feeding strip line, and to decrease the influence exerted on a radiation pattern, in the microstrip antenna used in common for two orthogonal polarized waves.

CONSTITUTION: In the microstrip antenna, one of two orthogonal polarized waves is fed from a feeding line 6 connected directly to a radiation conductor 5, and the other is fed from a feeding line 7 coupled electromagnetically through to the radiation conductor 5 through a slot 2. The feeding line of the former becomes a strip line of a balanced line consisting of a strip conductor 6 and ground conductor plates 1, 9 of both sides. Even if a discontinuous part exists in the strip line, spurious radiation therefrom is suppressed, and the influence exerted on a radiation pattern is decreased.



LEGAL STATUS

[Date of request for examination] 09.08.1996

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 2884885



[Date of registration] 12.02.1999

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's]

decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office